

NUMBERS & ODDITIES
a.k.a. the Spooks Newsletter
Edition #148, January 2010

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Check for previous newsletters, info, sound samples and databases also

NUMBERS & ODDITIES	http://www.ary.luna.nl http://www.numbersoddities.nl/index.htm
SPY NUMBERS ONLINE DATABASE	http://www.spynumbers.com/numbersDB/
UTILITY DXERS FORUM (UDXF)	http://www.udxf.nl

Hi and welcome to the first edition of Numbers & Oddities in 2010. A quiet month with regards to the voice stations but with a S28 message!

* VOICE STATION *

::: E03a

Still no trace of Cherry Ripe. I guess that they followed the Lincolnshire Poacher down the drain. I'll miss them.

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::: E06

One transcript from Mike.

4836 kHz, 2030 UTC, 07-01. Deeper than the normal E06 voice, also 321321321 was sent in quick succession.

```
852 15
89467 12341 07957 27481 94715 96823 62847 85762 01258 64930
68501 44726 58301 74596 93021
852 15
00000
```

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∴ E10

14000 kHz, 0730 UTC, 27-01: YHF + msg

* MORSE STATIONS *

$$\vdots \vdots \vdots \quad \text{MX}$$

Reported European beacons D, P, S, C, A

Reported Asian beacons F, M

Channel markers:

P - 436, 474, 3167, 3192, 3256, 3649, 3700, 4030, 4043, 4476, 4899 kHz
+ messages in Morse and rtty (see below).

V - 3658 kHz

Messages in between "P" markers.

```
"rdl rdl rdl 26471 618t9 26471 618t9 26471 618t9 k"
```

Trond comments on 20 January:

3256.0 kHz, P marker channel, hh:30 msgs //474//3291 kHz

Every hh:30 there is a 90 5fg group message on the P marker channel, addressed to unid recipient "22611", like this;

p p p p p p p p p p p p p p p

22611 22611 22611

33333

11111 23245 25122 ---1 22611 67133 18211 13347 93322 17791

18211 37455 67719 11337 892tt t9112 43434 72621 --472 26232

18125 37441 23112 1192t 41115 65823 34947 291t3 43425 57231

176⁻² 492⁺¹ 87911 222^{tt} 49177 67231 83^{t15} 79112 98911 52181

19776 11322 t2t89 77982 94734 91t32 87115 79-71 33611 25182

2t194 tt232 87443 892t7 37122 46434 87652 3--2t 8t13t 3492t

231t7 4963t t113t 7t2t3 17729 t3291 t7349 93176 871t1 86731

```

-----2 8623t 34262 92789 11145 ----- 551t2 2851t 32211 56725

```

941t2 77691 18125 89t25 46325 2732t 14562 89--- -2t13 2tt9t

k

p p p p p p p p p p p p p p p''

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::: M21

Russian Air Defense.

Id "0": 3322, 4951.5 kHz

Id "4": 6823.5 kHz

```
Id "8": 5873 kHz
Id "9": 5139.5, 6823.5 kHz
Id "?": 5860.5 kHz
```

Messages:

```
=21730901090707 =12480714019822 =1173066583222 =41534???4???? =11731665833122
=11703665231240 =1170466585840 =21704901090707 =11703665231240 =21704901090707
=99?1243?9????? =11703665253542=
```

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::: M22

Marker VVV DE 4XZ 4XZ = noted on 2680, 4331, 5001 and 6379 kHz.

Sample:

"VVV DE 4XZ 4XZ = = SX2F NR 021 T 0 GR 04 R T="

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::: M41

Russian Air Defense.

5792 kHz, 0600 UTC, 3-1 with nonstop "8NNO ... 8NNO ar".

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::: M51

Not often reported these days.

6825 kHz, 2142 UTC, 06-01: the usual 1988 messages.

7823 kHz, 2122 UTC, 19-01: the usual 1988 messages.

6835 KHz, 0916 UTC, 21-01: "VVVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ VITESSE
ANNONCEES LEGEREMENT SUPERIEURES."

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::: M89

V	ZK5T	ZK5T	ZK5T	DE	UWM2	UWM2	on 3367 kHz	1)
V	QPZM	QPZM	QPZM	DE	WOXN	WOXN	on 4523, 7883 kHz	
V	DKG6	DKG6	DKG6	DE	3A7D	3A7D	on 7596.4 kHz	2)

Possibly M89:

FRQ70 RRQ70 FRQ70 DE CQ CQ U on 6453 kHz (broken v-marker??)

- 1) 3367 kHz, 1905 UTC, 09-01-2010
Message "4u6d nntu 54ma nn6t 4t55 t4nu unb4 a77t utn3 dnta 45a3"
at 1906 UTC resumed beacon "zk5t zkt5 zkt5 zkt5 de uwm2 uwm2 v"
- 2) 7596.4 kHz, 1418 UTC, 16-01-2010
Message "... /2300/LZ984T9/5327/5580 (.-.-) QSL? ..."; into V-marker
"V DKG6 DKG6 DKG6 DE 3A7D 3A7D".

* VARIOUS MODES *

Gary checks in with a voice message from the Buzzer. The sound sample can be found on the N&O home page.

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Russian Governmental/Intelligence transmissions.

18276.0	0950	11-01	Russian Gov/Intel. Mode: CROWD36
12224.0	1427	11-01	Mazielka. Sequence: 463125
6957.0	2003	11-01	Russian Gov/Intel. Mode: Baudot 200/500
8047.5	2026	11-01	Russian Gov/Intel. Mode: CROWD36
3172.0	0653	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
3322.7	0710	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/1000
4570.0	0735	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
5325.0	0759	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
14860.0	0828	12-01	Mazielka. Sequence: 542136
16257.0	0838	12-01	Mazielka. Sequence: 542136
6830.0	0841	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
6865.0	0843	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
7630.0	0853	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
7635.0	0854	12-01	Russian Gov/Intel. Ops chat. Mode: CW
7635.0	0855	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
8079.0	0909	12-01	Russian Gov/Intel. Mode: RUS-ARQ 100/500
6794.0	1615	12-01	Russian Gov/Intel. Marker: 00000+++++++162)5761 rptd, no msg. Mode: Baudot 200/500
6813.5	1805	12-01	Russian Gov/Intel. Mode: CROWD36
18183.0	0741	13-01	Russian Gov/Intel. Mode: CROWD36
17418.5	0848	13-01	Russian Gov/Intel. Mode: CROWD36
18238.5	0903	13-01	Russian Gov/Intel. Mode: CROWD36
18738.5	0916	13-01	Russian Gov/Intel. Mode: CROWD36
16346.0	0937	13-01	Russian Gov/Intel. Mode: CROWD36
16342.5	0945	13-01	Russian Gov/Intel. Mode: CROWD36
5789.0	2103	13-01	Russian Gov/Intel. Mode: FSK 200/1000
8078.0	0850	14-01	Mazielka. Sequence: 561243
13506.0	0948	14-01	Mazielka. Sequence: 164532
12213.0	1007	15-01	Mazielka. Sequence: 361245
6971.0	1145	15-01	Russian Gov/Intel. 4kHz spaced tones on 6965, 6969, 6973 and 6976 kHz. Mode: FSK-4/150Bd
3573.5	1617	15-01	Russian Gov/Intel. Mode: CROWD36
9053.5	0740	18-01	Russian Gov/Intel. Mode: CROWD36
9065.0	0743	18-01	Russian Gov/Intel. Traffic. Mode: RUS-ARQ 100/500
9240.0	0750	18-01	Russian Gov/Intel. Traffic. Mode: RUS-ARQ 100/1500
16342.0	0900	18-01	Russian Gov/Intel. Quick callup then traffic. Mode: CROWD36
4444.0	1635	18-01	Russian Gov/Intel. Message with 200 5FGs, separators after 50 groups. Mode: Baudot 50/500
8015.0	0224	20-01	Russian Gov/Intel. Traffic "QRX 0600 QSW 9125/7945", "QRU QRU SK SK". Mode: Baudot 75/500
10859.5	0819	20-01	Russian Gov/Intel. Traffic. Mode: RUS-ARQ 100/2000
16166.5	0831	20-01	Russian Gov. "11177 30044 44365 73335". Mode: CROWD36
5440.0	0739	21-01	Russian Gov/Intel. Traffic. Mode: RUS-ARQ 100/500
7625.0	0942	21-01	Russian Gov/Intel. Traffic. Mode: RUS-ARQ 100/500
12224.0	1525	21-01	Mazielka. Sequence: 463125
11437.4	1433	23-01	Russian Gov/Intel. Mode: CROWD36
11125.0	1449	23-01	Mazielka. Sequence: 216354
14514.5	0922	25-01	Russian Gov/Intel. Mode: CROWD36

16317.0 0904 26-01 Mazielka. Sequence: 241563
12100.0 0920 26-01 Mazielka. Sequence: 612534
12224.0 1436 28-01 Mazielka. Sequence: 463125
14826.0 1233 31-01 Russian Gov/Intel. After long carrier (space).
Mode: FSK 200/1000

★ MILITARY STATIONS ★

::: M32 RUSSIAN/CIS/UKRAINIAN MILITARY SSB & CW STATIONS

2737.0 Russian Air Force: REA4
3187.0 CIS MIL: "5SAB de P4NX K. RK"
3192.0 Russian Navy Kaliningrad: "REO REO DE RMP RMP QTC" + channel marker "P"
3211.0 CIS Mil: NKE7 clg BV1Z. Q8IR clg BV1Z.
3215.0 Russian Navy. "rdl rdl rdl 6t62t t1425 6t62t t1425 6t62t t1425 k"
4043.0 Russian Navy Kaliningrad: RMP.
4051.0 Russian Navy: "RDL RDL RDL 52641 78383 52641 78383 52641 78383 k"
Russian Navy: RAL2, radio checks with RKA2, RL02 RBL70, then "QRU sk"
4039.0 Russian Navy: "RLO RLO DE RIT RIT QTC 515 34 12 0CH 57 515"
4275.0 Russian Navy: RJD85 clg RFH80.
4476.0 Russian Navy Kaliningrad. Channel marker "P"+ traffic "... 18t9t k"
4526.0 CIS Mil: 3PMV "... QRV K. 3PMV R 334 K". "2WGD de AHZY K. R K"
4834.75 Russian Naval Air Transport: 568536 "FM 568536 FOR 674531 = 55F82 K"
5086.0 Russian Navy: RFE76 wkg RJD85.
5129.0 Russian warship RBIZ: "VVV RCV RCV RCV DE RBIZ RBIZ QSA SK"
5213.0 Russian Navy: "VVV RKW95 RKW95 RKW95 DE RMP RMP QSA K"
5286.0 CIS Mil. Msg in progress: "... X0fTX ITKGX ... JDVRJ fPPOWW K"
5386.0 CIS Mil. "... ap6h zzx zze qbe k" later clg/op chat with 5S7G;

"5s7g 5s7g 5s7g de ap6h ap6h qrv bk rpt p bk bk rpt a a 7 bk bk rpt
a a 4 t k ap6h r t 62 k"

5849.0 CIS Mil: "J0X4 de XZVI K"

6311.0 Russian Navy Kaliningrad: RMP wkg warship RGV82.

6768.0 Russian Mil: "70MU de K64I for QBE"

6776.0 CIS Mil: PURN wkg YORB "QSY 24651"; "YORB YORB YORB de PURN PURN QSA
no QSY 24551 QSY 24551 = QSY 24551 QSY 24551 k"

6912.0 Russian Navy: "RGV82 DE RCV K RCV RPT K RCV AS1"

7018.0 Russian Air Force: REA4

7122.0 Russian Mil: "RJY de MM65 qsv K=", "I4CS de Q65X qsv K="

7122.4 Russian Mil. Radio checks. Callsigns: NFFQ, J7YY, J7YQ, 1BTB, 8HQY,
2AK0, ZYXA, HGZU, M9TU, F00U, AU5B, C8PN, Z4NT, 5YAE, 3ZFS, NLTK,
TPOB, XBRU, ZOCG, 9UPV, W8RB, VRDN, DSKL, 9UDV, RZBB, AECQ, JRM3,
NOIK, CM9K, XXTO, Z65X, XPJX, AZLH, YOM1, CENT.

Russian Mil: "XXX 17773 NEGOWIRKYJ 8432"

7195.0 Russian Mil: RGV82

7637.5 CIS Mil: "DE KOLJ QRJ"

7646.0 CIS Mil: "WI09 DE DFS5 K R K WI09 DE DFS5 K R"

7660.0 Russian Mil: "3T9K DE 9RPL QTC 486 31 1143 486 = ZFV ="

7678.0 CIS Mil: "XVQT DE XRNP QYT S K R K"

7824.7 CIS Mil: "... de 7CSM QRJ no ZRP ZGB ZXM ZRP ZGB ZXM k".

7861.0 Russian Navy: RAL2 wkg RFH2 "QSA 1 ZNN k".

8192.0 Russian Air Force: REA4

8345.0 Russian warship RJD38

Russian warship RKB91 wkg RIT. "RIT RIT DE RKB91 RKB91 QSA? QTC K
RKB91 43 17 1T 15T T 843 = SML FOR RJH45 RJD38 = T121 99443 7TT91
41698 5T611 1T T9T 4T11T 57T3T 7T311 81111 22282 TT15T 2T3T3 1T T13 =
RKB9 1K". "RIT RIT RIT DE RKB91 RKB91 QSA? NAT CK"

Russian warship RKB91 clg RMP. "RMP RMP DER KB91 RKB91 QSA? QTC K"

8810.0 Russian Air Force: REA4. //7018 kHz

10406.0 Russian Mil: LDBO

10540.0 Russian warship RDND wkg RIW

10998.0 Russian Navy: RIW clg RDND "QSU 1 QWS 8794 QSX 8270"

11000.0 Russian Navy: RIW. Msg to RGT99; "riw rgt99 28667 esew 97 39 454t9
53856 ... 88699 03t71 = r iiii 88699 03t71 = ar riw k"

Russian Navy: RIW wkg warship RDND; "419 24 13 1t56 419 = 414 = 11111
1t332 34544 57552 t8956 74995 iiii riw rpt 419 24 13 1t56 419 = 414 =
11111 ... ___22 = rpt al ar riw k", then both ends messing up their
repeats and re-repeats and after some opchat finally deciding that it
was a much better idea to do this in a more secure way and asking RDND
to go to 10540 for MS-5 scrambled voice and online scrambled morse;
"rdnd de riw qyt4 qrr3 1t54t/1t54t. Both parties heard later on
10540 kHz. (13/JAN/2010)(TJ)

12251.0 Russian Air Force: REA4. "rea4 rea4 t8t8t 23674 6345t 5_4t7 11t26
8653t 28449 4996t 328t4 27___ 84372 = rea4 k"

12464.0 Russian warship RHV42 clg RCV. "RCV RCV RCV DE RHV42 RHV42 QSA? QT CK"
Russian Navy: RFE76 wkg unid station.

12671.0 Russian Navy: "RJE57 DE RJE56 QRV RJE57 724 24 24 1004 724 = 525 ="
into Russian 5L QTC.
Russian Navy: "RJE56 DE RJE57"

12707.0 Russian Mil: LM9P 5LG message to AW0Z on QSX 11599 kHz.

14556.0 Russian Navy "RGV82 DE RIW QYT4 WRK FOR RJH25 K"

14556.0 Russian Navy: RIW wkg RMEG

18766.0 Russian Mil: "XXX RDL 61357 <faded>", later "RDL RDL RDL 68263 06992
(rpt 3x) K" followed by "XXX RTU 61357 <faded>" A mistake???

* UTILITY ROUND-UP *

::: CZECH INTELLIGENCE

The alleged Czech Intel station (c/s 0L032) has been heard on:
4489.36 kHz, 2009 UTC, 26-1
4002.35 kHz, 0640 UTC, 28-1 //4026.35 kHz
4026.35 kHz, 0640 UTC, 28-1 //4002.35 kHz
6946.36 kHz, 1809 UTC, 30-1

Mode: encrypted FEC 100bd/170Hz.

We're still looking for more info about this station. If you can help, please mail me.

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::: ITALIAN PIRATE

6998 kHz, 1320 UTC, 31-12-2009: The infamous Italian pirate, now using callsign HH7: "VVV VVV de HH7 HH7 ar" and messages "... PONTIFICIA BASILICA DELLA SANTA CASA ... QUELL'OMICIDIO DI QUELLA RAGAZZA INGLESE ...".

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DRIFTNET BEACONS

```
1868.0 FW3 Continuous with long dash.
1970.0 LQ9 3x with long dash. every 3 minutes.
```

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::: UNID NETS

Attu has been monitoring these nets for quite a while and we have reported these logs and those sent by other dxers in N&O but we still have no positive id. Any information is greatly appreciated.

3343 kHz, 1932 UTC, 23-01: MWKJ with msg: = 83 52 48 =
 3343 kHz, 1820 UTC, 24-01: MWKJ normal activity
 3285 kHz, 1815 UTC, 24-01: 4KUE //3958 kHz, 15 to 25 and 45 to 55 min hourly
 3958 kHz, 1815 UTC, 24-01: 4KUE //3285 kHz, 15 to 25 and 45 to 55 min hourly

4KUE was last noted in November 2006 for only a 4 week period. Typical messages are six, two digit groups. Hand keyed cw, often slightly garbled. VTID was only active during November 2009 using 3802 & 3178 kHz. Search continues for additional stations within this group.

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::: UNID NET 7653 kHz

Attu reports again much activity on this simplex Morse net, this time on 31-12 and 2-1. Frequency: 7653 kHz.

HK04: 3 msg's for MYSN, 40gr 5FGs msg.

Q4AS: contacted L05A qru.

7MVD: 3 msg's for Q4AS; 40gr 5FGs msg.

Sample messages:

bt bt

100 503 1106 100 bt

72727 45863 33772 55017 04354

96439 11994 01348 37887 75979

bt

01455 16478 62279 45215 28937

16795 93077 46999 48253 11433

bt

68408 93365 31072 37120 01608

87284 68569 06833 80903 13728

bt

00547 25629 55948 02073 45151

70884 58575 26838 47618 03039

bt

qtc bt bt

101 403 1116 101

bt

72727 17580 86642 34299 57888

41400 79291 47179 12721 05985

bt

18207 76799 57655 57711 94930

86562 37839 87525 40979 23198

bt

39012 21664 97679 68919 42482

33682 66934 56712 19064 11476

bt

30885 71874 10446 59803 33704

79114 46462 83941 64963 03039

bt

qtc bt

102 403 1123 102 bt

72727 76892 17572 96097 07957

47369 18636 76393 42940 39136

bt

26797 24997 18270 25904 74469

21823 32111 93745 70943 64813

bt

87539 49108 57677 31249 85997

08278 72370 78990 73959 49999
bt
58005 46734 82902 92701 62377
29740 78570 92375 46044 03039
bt k

Thanks for the report, Attu.

* LOGS SECTION *

436	MX	Mode: CW Date/time: 24-1-2010, 1329 UTC Remarks: Russian Navy Kaliningrad. "P" marker + rtty traffic Contr: (RP)
474	MX	Mode: CW Date/time: 14-1-2010, 0050 UTC Remarks: Channel marker "P" Contr:
474	MX	Mode: CW Date/time: 18-1-2010, 2322 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P" + tfc Contr:
474	MX	Mode: CW Date/time: 20-1-2010, 1730 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P"+ msg / Contr: (MPJ)
474	MX	Mode: CW Date/time: 24-1-2010, 1329 UTC Remarks: Russian Navy Kaliningrad. "P" marker + rtty traffic Contr: (RP)
2515	E10	Mode: USB Date/time: 25-1-2010, 2340 UTC Remarks: PCD Contr: (BCI)
2680	M22	Mode: CW Date/time: 13-1-2010, 2255 UTC Remarks: 4XZ - Israeli Navy Haifa. "VVV DE 4XZ 4XZ = = SX2F Contr: (BCI)
2743	M22	Mode: CW Date/time: 11-1-2010, 2227 UTC Remarks: ULX Contr: (BCI)
3150	E10	Mode: AM Date/time: 13-1-2010, 2340 UTC Remarks: PCD Contr: (BCI)
3167	MX	Mode: CW Date/time: 6-1-2010, 1736 UTC Remarks: Channel marker "P" Contr: (WP3)
3167	MX	Mode: CW Date/time: 17-1-2010, 2233 UTC Remarks: Channel marker "P" Contr: (BCI)
3172	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0653 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
3256	MX	Mode: CW Date/time: 17-1-2010, 2241 UTC Remarks: Channel marker "P" Contr: (BCI)
3256	MX	Mode: CW Date/time: 19-1-2010, 2307 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P" + tfc Contr: (WP3)
3256	MX	Mode: CW Date/time: 20-1-2010, 1730 UTC

		Remarks: Russian Navy Kaliningrad. Channel marker "P"+ msg / Contr: (MPJ)
3291	MX	Mode: CW Date/time: 19-1-2010, 2129 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P" + tfc. Contr: (WP3)
3291	MX	Mode: CW Date/time: 20-1-2010, 1730 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P"+ msg / Contr: (MPJ)
3322	M21	Mode: CW Date/time: 12-1-2010, 1548 UTC Remarks: PVO Air Defense ID 0. Morse time strings Contr: (FN)
3322	M21	Mode: CW Date/time: 25-1-2010, 2345 UTC Remarks: Russian Air Defense. =99T3T??T? =99T3T3??T? =99T3T Contr: (BCI)
3322.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 12-1-2010, 0710 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
3367	M89	Mode: CW Date/time: 9-1-2010, 1905 UTC Remarks: "4u6d nntu 54ma nn6t 4t55 t4nu unb4 a77t utn3 dnta Contr: (AtB)
3415.0	E10	Mode: USB Date/time: Wed 6-1-2010, 1900 UTC Remarks: ART Contr: (CU)
3540	S06	Mode: AM Date/time: Wed 13-1-2010, 1800 UTC Remarks: 471 0 Contr: (HFD)
3649	MX	Mode: CW Date/time: 3-12-2009, 1535 UTC Remarks: Channel marker "P" Contr:
3658	MX	Mode: CW Date/time: 26-1-2010, 0020 UTC Remarks: Channel marker "V" Khiva Contr: (BCI)
3700	MX	Mode: CW Date/time: 4-12-2009, 2200 UTC Remarks: Channel marker "P" Contr:
3840	E10	Mode: AM Date/time: 2-1-2010, 1810 UTC Remarks: YHF Contr: (BCI)
4002.35	OL032	Mode: FEC 100/170 Date/time: 28-1-2010, 0640 UTC Remarks: Czech Intelligence //4026.35 kHz Contr: (BCI)
4026.35	OL032	Mode: FEC 100/170 Date/time: 28-1-2010, 0640 UTC Remarks: Czech Intelligence //4002.35 kHz Contr: (BCI)
4028.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 0200 UTC Remarks: SSYL atencion: 65562 barely audible. Contr: (westli)
4028.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0200 UTC Remarks: SSYL: Caught late, already sending. Contr: (westli)
4028.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0230 UTC Remarks: female voice repeating a series of 5 numbers (i.e. 80083, 40202, 85534, 45028) Contr: (WA4118)
4028.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 0100 UTC Remarks: A 35562 81841 37701 Contr: (Jon-FL)
4028.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 0100 UTC Remarks: SSYL: Extremely weak. Contr:

(westli)

4030	MX	Mode: CW Date/time: 24-1-2010, 1935 UTC Remarks: Russian Navy Kaliningrad. Msg followed by marker "P" Contr: (ALF)
4035.0	V02a	Mode: AM Date/time: Mon 4-1-2010, 0400 UTC Remarks: SSYL: Extremely weak. Contr: (westli)
4035.0	V02a	Mode: AM Date/time: Mon 18-1-2010, 0400 UTC Remarks: SSYL: 34451 caught late. Poor readability. Contr: (westli)
4035.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0400 UTC Remarks: SSYL atencion: 56651 Up early, caught late. Contr: (westli)
4035.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0400 UTC Remarks: A 56651 45242 46501 Contr: (Jon-FL)
4038	M12	Mode: CW Date/time: 26-1-2010, 2249 UTC Remarks: Msg in progress: "... 25988 35599 ... 14985 89494 0 Contr: (MPJ)
4043	MX	Mode: CW Date/time: 2-1-2010, 1815 UTC Remarks: Channel marker "P" Kaliningrad Contr: (BCI)
4043	MX	Mode: CW Date/time: 16-1-2010, 1623 UTC Remarks: Channel marker "P" Contr: (TJ)
4043	MX	Mode: CW Date/time: 25-1-2010, 1634 UTC Remarks: Russian Navy Kaliningrad. Msg after "P" marker Contr: (GN2)
4043	MX	Mode: CW Date/time: 26-1-2010, 0607 UTC Remarks: Channel marker "P" Contr: (Jon-FL)
4043	MX	Mode: CW Date/time: 26-1-2010, 2253 UTC Remarks: Channel marker "P" Contr: (MPJ)
4174.0	V02a	Mode: AM Date/time: Mon 4-1-2010, 0300 UTC Remarks: SSYL: Extremely weak. Contr: (westli)
4174.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0300 UTC Remarks: A xxxxx 45242 46501 (in progress, missed callup) Contr: (Jon-FL)
4174.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0300 UTC Remarks: SSYL atencion: 56651 Up early, caught late. Contr: (westli)
4331	M22	Mode: CW Date/time: 2-1-2010, 0701 UTC Remarks: 4XZ - Israeli Navy Haifa. "= VVV DE 4XZ 4XZ =" Contr: (BCI)
4439	M12	Mode: CW Date/time: 19-1-2010, 1930 UTC Remarks: 463 000 Contr: (FN)
4441	E11	Mode: USB Date/time: Sun 24-1-2010, 0915 UTC Remarks: 127/00 Contr: (HFD)
4443	M12	Mode: CW Date/time: Tue 5-1-2010, 0440 UTC Remarks: 408 0 Contr: (HFD)
4443	M12	Mode: CW Date/time: 26-1-2010, 0440 UTC Remarks: 408 408 408 2 145 279 .. strong signal. Contr: (Jon-FL)

4444	M42	Mode: Baudot 50/500 Date/time: 18-1-2010, 1635 UTC Remarks: Russian Gov/Intel. Message with 200 5FGs, separator Contr: (FN)
4473	XPA	Mode: AM Date/time: Fri 8-1-2010, 2140 UTC Remarks: msg Contr: (HFD)
4476	MX	Mode: CW Date/time: 13-1-2010, 0804 UTC Remarks: Channel marker "P" Contr: (Jon-FL)
4476	MX	Mode: CW Date/time: 18-1-2010, 0733 UTC Remarks: Russian Navy Kaliningrad. Channel marker "P"+ traff Contr: (MPJ)
4478.0	M08a	Mode: CW Date/time: Sat 2-1-2010, 1100 UTC Remarks: 5f cut nums: 62231 3773 56742 Good sig Contr: (westli)
4490	M01	Mode: CW Date/time: Tue 5-1-2010, 2000 UTC Remarks: 197-700/30=14713 Contr: (HFD)
4523	M89	Mode: CW Date/time: 16-1-2010, 1719 UTC Remarks: v qpzm qpzm qpzm de woxn woxn Contr: (linkz)
4560	E10	Mode: USB Date/time: 22-1-2010, 2144 UTC Remarks: YHF Contr: (BCI)
4561	E10	Mode: USB+carrier Date/time: 8-1-2010, 2048 UTC Remarks: in progress Contr: (MPJ)
4570	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0735 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
4625	S28	Mode: AM Date/time: 8-1-2010, 1624 UTC Remarks: Buzzer aka "UVB76". Off air at 1655 UTC and not on Contr: (TJ)
4625	S28	Mode: AM Date/time: 19-1-2010, 2330 UTC Remarks: Buzzer aka UVB76 Contr: (linkz)
4625	S28	Mode: AM Date/time: 25-1-2010, 1713 UTC Remarks: Buzzer followed by a voice message in Russian "UVB7 Contr: (GN2)
4638	M12	Mode: CW Date/time: Wed 13-1-2010, 0500 UTC Remarks: 678 0 Contr: (HFD)
4638.0	E11	Mode: USB Date/time: Tue 12-1-2010, 0500 UTC Remarks: "571 oblique 32" Contr: (HN)
4762	M01?	Mode: CW Date/time: 18-1-2010, 1928 UTC Remarks: End of bcast; "332 = = 582 582" rest drowning in qr Contr: (TJ)
4800.0	E10	Mode: AM Date/time: Thu 14-1-2010, 0501 UTC Remarks: ULX2. Contr: (HN)
4836	E06	Mode: AM Date/time: 7-1-2010, 2030 UTC Remarks: 321 852 15 89467 12341 07957 27481 94715 96823 6284 Contr: (MUK)
4845.0	S06	Mode: AM Date/time: Thu 7-1-2010, 1410 UTC Remarks: y1, ID 624. S9. Contr: (HN)
4880	E10	Mode: USB Date/time: 20-1-2010, 0215 UTC Remarks: ULX Contr: (BCI)

4899	MX	Mode: CW Date/time: 21-1-2010, 0700 UTC Remarks: Channel marker "P" Contr: (BCI)
4909	E11	Mode: USB Date/time: Tue 19-1-2010, 0605 UTC Remarks: 517/00 Contr: (HFD)
4909.0	E11	Mode: USB Date/time: Tue 5-1-2010, 0605 UTC Remarks: "510 oblique 37" Contr: (HN)
4951.5	M21	Mode: CW Date/time: 6-1-2010, 2314 UTC Remarks: Russian Air Defense Contr: (BCI)
4951.5	M21	Mode: CW Date/time: 12-1-2010, 1550 UTC Remarks: PVO Air Defense ID 0. Morse time strings Contr: (FN)
4951.5	M21	Mode: CW Date/time: 28-1-2010, 1941 UTC Remarks: Russian Air Defence. =992342?t????? Contr: (PPA)
4968	XPA	Mode: AM Date/time: Fri 8-1-2010, 2120 UTC Remarks: msg Contr: (HFD)
5001	M22	Mode: CW Date/time: 21-1-2010, 2350 UTC Remarks: 4XZ: Israeli Navy Haifa "= VVV DE 4XZ 4XZ =" Contr: (PPA)
5001.1	M22	Mode: CW Date/time: 22-1-2010, 0250 UTC Remarks: 4XZ: Israeli Navy Haifa "VVV DE 4XZ 4XZ //" Contr: (PPA)
5043	M12	Mode: CW Date/time: Tue 5-1-2010, 0500 UTC Remarks: 408 0 Contr: (HFD)
5087.0	M42	Mode: Baudot 200/500 Date/time: 2-1-2010, 2046 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
5135.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 0100 UTC Remarks: SSYL atencion: 65562 41.82 78041 Contr: (westli)
5135.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0100 UTC Remarks: SSYL atencion: 74682 77306 .8661 Caught late. IDs questionable. Contr: (westli)
5139.5	M21	Mode: CW Date/time: 12-1-2010, 1545 UTC Remarks: PVO Air Defense ID 9. Tracking data and time string Contr: (FN)
5146	E07a	Mode: AM Date/time: Thu 7-1-2010, 0530 UTC Remarks: 188 1-35451-540/89 =77241 Contr: (HFD)
5146.0	E07	Mode: USB Date/time: Thu 14-1-2010, 0530 UTC Remarks: "188 188 188 1 35451", strong. Contr: (HN)
5153.7	MX	Mode: CW Date/time: 1-1-1010, 1745 UTC Remarks: Beacon "D" Contr: (BCI)
5153.7	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "D", Sevastopol Contr: (AB)
5153.8	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "P", Kaliningrad Contr: (AB)
5153.8	MX	Mode: CW Date/time: 1-1-2010, 1745 UTC Remarks: Beacon "P" Contr: (BCI)
5153.8	MX	Mode: CW Date/time: 13-1-2010, 1611 UTC

		Remarks: Beacon "P" Kaliningrad Contr: (MPJ)
5153.9	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "S", Severomorsk Contr: (AB)
5170	E10	Mode: USB Date/time: 29-1-2010, 0700 UTC Remarks: VLB Contr: (BCI)
5172.0	XPA	Mode: USB Date/time: Wed 13-1-2010, 0500 UTC Remarks: Contr: (HN)
5175	S06	Mode: AM Date/time: 11-1-2010, 2220 UTC Remarks: OM/RR 121 121 121 00000 after long period of carrie Contr: (linkz)
5180	S06	Mode: AM Date/time: Mon 11-1-2010, 2215 UTC Remarks: 121 0 Contr: (HFD)
5182	E07	Mode: AM Date/time: 20-1-2010, 2047 UTC Remarks: OM/EE 981 981 981 1 Contr: (linkz)
5320.0	S06	Mode: AM Date/time: Thu 7-1-2010, 1400 UTC Remarks: y1, ID 624. S8, some QSB Contr: (HN)
5325	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0759 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
5358	E11	Mode: USB Date/time: Sun 7-1-2010, 0755 UTC Remarks: 438/00 Contr: (HFD)
5362	M12	Mode: CW Date/time: Wed 6-1-2010, 2200 UTC Remarks: 350 0 Contr: (HFD)
5362	M12	Mode: CW Date/time: Wed 13-1-2010, 2200 UTC Remarks: 350 0 Contr: (HFD)
5391	XPA	Mode: AM Date/time: Thu 7-1-2010, 1940 UTC Remarks: msg Contr: (HFD)
5416	E07	Mode: AM Date/time: Thu 7-1-2010, 0800 UTC Remarks: 489 0 Contr: (HFD)
5420	E06	Mode: AM Date/time: Tue 12-1-2010, 2100 UTC Remarks: 826 0 Contr: (HFD)
5425	XPA	Mode: AM Date/time: Fri 8-1-2010, 2100 UTC Remarks: msg Contr: (HFD)
5440	M42	Mode: RUS-ARQ 100/500 Date/time: 21-1-2010, 0739 UTC Remarks: Russian Gov/Intel. Traffic Contr: (BCI)
5449	E07	Mode: AM Date/time: 14-1-2010, 2139 UTC Remarks: in progress Contr: (linkz)
5452	M42	Mode: Baudot 200.32/500 Date/time: 6-1-2010, 1940 UTC Remarks: Russian Gov/Intel. 24 letter strings, ends: zzzzzzr Contr: (FN)
5660	S06	Mode: USB Date/time: 16-1-2009, 1013 UTC Remarks: RR/YL 5FGs ends with 207 207 6 6 00000 Contr: (TJ)
5660	S06	Mode: AM Date/time: 16-1-2010, 1013 UTC Remarks: In progress. Ends with 207 207 6 6 00000 Contr: (TJ)
5738	M12	Mode: CW Date/time: Wed 13-1-2010, 0520 UTC Remarks: 678 0 Contr: (HFD)
5783.0	E06	Mode: AM Date/time: Sun 3-1-2010, 0130 UTC

5783.0	E06	Remarks: Msg to "759", QRT 0140 Contr: (HN) Mode: USB Date/time: Sun 31-1-2010, 0000 UTC Remarks: probably the last few minutes of transmission, numbers read in english by male voice Contr: (MIS)
5789	M42	Mode: FSK 200/1000 Date/time: 13-1-2010, 2103 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
5792	M41	Mode: CW Date/time: 3-1-2010, 0600 UTC Remarks: PV0/Russian Air Defence. Nonstop "8NNO ... 8NNO ar" Contr: (ALF)
5800	M08a	Mode: CW Date/time: 2-1-2010, 0600 UTC Remarks: In Progress, ends with: AR AR AR SK Contr: (KG6QNK)
5800.0	M08a	Mode: MCW Date/time: Sat 2-1-2010, 0600 UTC Remarks: 5f cut nums: 00032 37131 04302 Good sig Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 4-1-2010, 0600 UTC Remarks: 5f cut nums: 67352 53542 40522 Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 5-1-2010, 0600 UTC Remarks: 5f cut nums: 48071 62742 84071 Contr: (westli)
5800.0	M08a	Mode: AM Date/time: Tue 5-1-2010, 0600 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5800.0	M08a	Mode: MCW Date/time: Thu 7-1-2010, 0600 UTC Remarks: 5f cut nums: 35021 63471 65012 Contr: (westli)
5800.0	M08a	Mode: AM Date/time: Thu 7-1-2010, 0600 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5800.0	M08a	Mode: MCW Date/time: Mon 11-1-2010, 0600 UTC Remarks: 5f cut nums: 42851 20251 76451 Good sig. Contr: (westli)
5800.0	M08a	Mode: AM Date/time: Mon 11-1-2010, 0600 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5800.0	M08a	Mode: AM Date/time: Tue 12-1-2010, 0600 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5800.0	M08a	Mode: MCW Date/time: Tue 12-1-2010, 0600 UTC Remarks: 5f cut nums: 21731 47581 65582 Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 18-1-2010, 0600 UTC Remarks: 5f cut nums: 02662 72112 25383 Very good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Thu 21-1-2010, 0600 UTC Remarks: 5f cut nums: 36422 22702 21521 Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Sat 23-1-2010, 0600 UTC Remarks: 5f cut nums: 07682 10482 75352 Very Good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 0600 UTC

		Remarks: 5f cut nums: 73461 41101 65112 Very good sig. Contr: (westli)
5800.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 0600 UTC Remarks: 5f cut nums: 05221 57161 32652 Good sig Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 1-1-2010, 0600 UTC Remarks: 5f cut nums: 23562 05832 36352 Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 3-1-2010, 0500 UTC Remarks: 5f cut nums: Up very late. Missed callups. Good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 3-1-2010, 0600 UTC Remarks: 5f cut nums: 21941 50632 63002 Good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 0500 UTC Remarks: 12345 67890 almost the whole hour. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 0600 UTC Remarks: 5f cut nums: 52422 62521 00562 Good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 0500 UTC Remarks: 5f cut nums: 25381 44301 54172 good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 0600 UTC Remarks: 5f cut nums: 25381 44301 54172 good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 17-1-2010, 0600 UTC Remarks: 5f cut nums: 46341 25382 65652 Good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 0600 UTC Remarks: 5f cut nums: Caught late. Very good sig. Contr: (westli)
5810.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 0600 UTC Remarks: 5f cut nums: 73202 ..261 18031 up early, caught late. Good sig. Contr: (westli)
5816	E07	Mode: AM Date/time: Thu 7-1-2010, 0820 UTC Remarks: 489 0 Contr: (HFD)
5816.0	E07	Mode: AM Date/time: Tue 5-1-2010, 0820 UTC Remarks: 489 489 489 000 repeated to close. Very strong. Contr: (CU)
5820	E10	Mode: USB Date/time: 29-1-2010, 0725 UTC Remarks: YHF Contr: (BCI)
5836	E07	Mode: AM Date/time: Wed 13-1-2010, 1820 UTC Remarks: 788 0 Contr: (HFD)
5846	E07a	Mode: AM Date/time: Thu 7-1-2010, 0550 UTC Remarks: 188 1-35451 Contr: (HFD)
5860.5	M21	Mode: CW Date/time: 28-1-2010, 0723 UTC Remarks: Russian Air Defence Contr: (BCI)

5873	M21	Mode: CW Date/time: 12-1-2010, 1555 UTC Remarks: PVO Air Defense ID 8. Morse time strings Contr: (FN)
5873	M21	Mode: CW Date/time: 30-1-2010, 1150 UTC Remarks: Russian Air Defence. =991450??0????? Time strings & Contr: (MPJ)
5880.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 0730 UTC Remarks: Cuban. Spanish Counting. Contr: (KA)
5882	E07	Mode: AM Date/time: 11-1-2010, 2022 UTC Remarks: OM/EE 981 981 981 000 Contr: (linkz)
5882.0	E07	Mode: AM Date/time: Mon 18-1-2010, 2020 UTC Remarks: 981 much QRM Contr: (AnEur)
5883.0	V02a	Mode: AM Date/time: Fri 1-1-2010, 0700 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 0700 UTC Remarks: SSYL atencion: 25262 Caught late. Good sig Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 3-1-2010, 0700 UTC Remarks: SSYL atencion: 14341 58371 36242 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 4-1-2010, 0700 UTC Remarks: SSYL atencion: 73432 44581 61182 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 5-1-2010, 0700 UTC Remarks: A 70841 17111 27313//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Tue 5-1-2010, 0700 UTC Remarks: SSYL atencion: 70841 17111 27612 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 7-1-2010, 0700 UTC Remarks: A 84841 27472 47851//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Thu 7-1-2010, 0700 UTC Remarks: SSYL atencion: 84841 27472 47851 Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 8-1-2010, 0700 UTC Remarks: SSYL: 26161 up early, caught prepping 1st msg. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 11-1-2010, 0700 UTC Remarks: A 70532 52341 35212//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Mon 11-1-2010, 0700 UTC Remarks: SSYL atencion: 70532 52341 35212 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 12-1-2010, 0700 UTC Remarks: A 21131 20362 70802//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Thu 14-1-2010, 0700 UTC

		Remarks: SSYL atencion: 18371 72111 61572 Good signal Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 14-1-2010, 0715 UTC Remarks: Msg in progress, good signal. Contr: (HN)
5883.0	V02a	Mode: AM Date/time: Fri 15-1-2010, 0700 UTC Remarks: SSYL: 81781 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0700 UTC Remarks: V2a Cuban Spanish Lady Contr: AVA)
5883.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0700 UTC Remarks: SSYL atencion: 20461 50612 60151 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sun 17-1-2010, 0700 UTC Remarks: SSYL: 47511 Caught late. Good sig Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 18-1-2010, 0700 UTC Remarks: SSYL: 71241 21211 Caught late. Very good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 19-1-2010, 0700 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5883.0	V02a	Mode: AM Date/time: Thu 21-1-2010, 0700 UTC Remarks: SSYL atencion: 04321 85382 77482 Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 22-1-2010, 0700 UTC Remarks: SSYL: Caught late. Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Fri 22-1-2010, 0700 UTC Remarks: repeat{atencion [...] } [...] [msg#1] (pause) 5x{73341} [msg#2] (pause) 5x{71702} Contr: (ASD)
5883.0	V02a	Mode: AM Date/time: Sat 23-1-2010, 0700 UTC Remarks: SSYL atencion: Passed a couple of SK01 files Contr: (westli)
5883.0	V02a	Mode: CW Date/time: Sat 23-1-2010, 0700 UTC Remarks: Cuban. Counting Numbers in Spanish. Contr: (KA)
5883.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 0700 UTC Remarks: SSYL: 25821 up early, caught late. Good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0700 UTC Remarks: SSYL atencion: 12772 87542 27861 Very good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Tue 26-1-2010, 0700 UTC Remarks: SSYL atencion: 14062 Came up preparing 1st msg. Good sig Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 0700 UTC Remarks: A 37012 18612 55742 (YL/SS) Contr: (MS)
5883.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 0700 UTC Remarks: SSYL atencion: 37012 18612 55742 Good sig Contr: (westli)

5883.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 0700 UTC Remarks: SSYL atencion: 34542 80642 65601 Very good sig. Contr: (westli)
5883.0	V02a	Mode: AM Date/time: Sat 30-1-2010, 0700 UTC Remarks: Atencion Station - Cuban Counting Woman Contr: (JNY)
5888	M12	Mode: CW Date/time: Tue 5-1-2010, 0510 UTC Remarks: 897 0 Contr: (HFD)
5898	V02a	Mode: AM Date/time: Fri 22-1-2010, 0830 UTC Remarks: Female counting Spanish numbers Contr: (KA)
5898.0	M08a	Mode: MCW Date/time: Sat 2-1-2010, 0500 UTC Remarks: 5f cut nums: Up late already in progress. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 5-1-2010, 0500 UTC Remarks: 5f cut nums: Up late, already passing msg. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 7-1-2010, 0500 UTC Remarks: 5f cut nums: 35021 63471 65012 Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 11-1-2010, 0500 UTC Remarks: 5f cut nums: Up late, passing msg. Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 12-1-2010, 0500 UTC Remarks: 5f cut nums: 21731 47581 65582 Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 14-1-2010, 0500 UTC Remarks: 5f cut nums: 30172 66762 02081 Good signal Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 16-1-2010, 0500 UTC Remarks: 5f cut nums: 42832 81832 82231 Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Mon 18-1-2010, 0500 UTC Remarks: 5f cut nums: caught late. good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Thu 21-1-2010, 0500 UTC Remarks: 5f cut nums: up late, in progress. Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Sat 23-1-2010, 0500 UTC Remarks: 5f cut nums: 07682 10482 75352 Good sig. Contr: (westli)
5898.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 0500 UTC Remarks: 5f cut nums: 05221 57161 32652 Good sig Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 0800 UTC Remarks: SSYL: Caught late. Good sig Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 3-1-2010, 0800 UTC Remarks: SSYL atencion: 14341 58371 36242 Good sig. Contr: (westli)

5898.0	V02a	Mode: AM Date/time: Mon 4-1-2010, 0800 UTC Remarks: SSYL atencion: 73432 44581 61182 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 7-1-2010, 0800 UTC Remarks: SSYL atencion: 84841 27472 47851 Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Thu 7-1-2010, 0800 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5898.0	V02a	Mode: AM Date/time: Fri 8-1-2010, 0800 UTC Remarks: up early, caught late. VG sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 8-1-2010, 0800 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
5898.0	V02a	Mode: AM Date/time: Mon 11-1-2010, 0800 UTC Remarks: A 70532 52341 35212//S800M//Brooklyn Contr: (GS)
5898.0	V02a	Mode: AM Date/time: Thu 14-1-2010, 0810 UTC Remarks: Msg in progress, good signal Contr: (HN)
5898.0	V02a	Mode: AM Date/time: Fri 15-1-2010, 0800 UTC Remarks: SSYL: 81781 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 16-1-2010, 0800 UTC Remarks: SSYL: 20461 Caught late. Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 17-1-2010, 0800 UTC Remarks: SSYL atencion: 47511 01012 36601 Good sig Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 18-1-2010, 0800 UTC Remarks: SSYL: 71241 ..212 21211 Caught late. Very good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 22-1-2010, 0800 UTC Remarks: 5x{atencion 70521 73341 71723} 5x{70521} [msg#1] [...] Contr: (ASD)
5898.0	V02a	Mode: AM Date/time: Fri 22-1-2010, 0800 UTC Remarks: SSYL: 70521 Caught late. Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sat 23-1-2010, 0800 UTC Remarks: SSYL atencion: 73021 Up early, caught late. Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 0800 UTC Remarks: SSYL atencion: 25821 28152 26271 Good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0800 UTC Remarks: A 12772 87542 27861 Contr: (Jon-FL)
5898.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0800 UTC Remarks: SSYL atencion: 12772 87542 27861 Very good sig. Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Tue 26-1-2010, 0800 UTC Remarks: SSYL atencion: 14062 24522 00232 Very good sig. Contr: (westli)

5898.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 0800 UTC Remarks: A xxxxx 18612 xxxxx (In progress, missed callup) Contr: (Jon-FL)
5898.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 0800 UTC Remarks: SSYL atencion: 37012 18612 55742 Good sig Contr: (westli)
5898.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 0800 UTC Remarks: SSYL atencion: 34542 80642 65601 Very good sig. Contr: (westli)
5900	M08a	Mode: CW Date/time: 2-1-2010, 0515 UTC Remarks: In Progress, ends with: AR AR AR SK Contr: (KG6QNK)
5930.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 0930 UTC Remarks: Contr: (MS)
5947.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 0900 UTC Remarks: Contr: (MS)
6250.0	XSL	Mode: USB Date/time: Thu 7-1-2010, 1400 UTC Remarks: About S1 here. Only heard on 6250 and 6445 today, no other frequencies heard. Contr: (ZW)
6270	E10	Mode: AM Date/time: 1-10-2010, 0925 UTC Remarks: ULX Contr: (BCI)
6270.0	E10	Mode: AM Date/time: Wed 13-1-2010, 1503 UTC Remarks: Msg in progress, QRM from bc (eastern music), weak jammer present. Contr: (HN)
6379	M22	Mode: CW Date/time: 6-1-2010, 2234 UTC Remarks: 4XZ - Israeli Navy Haifa. "= VVV DE 4XZ 4XZ =" Contr: (BCI)
6382.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 0800 UTC Remarks: A xxxxx 18612 xxxxx (Spurr of 5898 kHz) Contr: (Jon-FL)
6433	S11a	Mode: USB Date/time: Wed 20-1-2010, 0950 UTC Remarks: 227/36 Contr: (HFD)
6433	S11a	Mode: USB Date/time: Sun 24-1-2010, 1205 UTC Remarks: 273/35 Contr: (HFD)
6445.0	XSL	Mode: USB Date/time: Thu 7-1-2010, 1400 UTC Remarks: About S4 here. Only heard on 6250 and 6445 today, no other frequencies heard. Contr: (ZW)
6453	M89?	Mode: CW Date/time: 14-1-2010, 0305 UTC Remarks: Possibly M89. Broken V-marker? "FRQ70 RRQ70 FRQ70 D Contr: (ALF)
6498	E10	Mode: AM Date/time: 12-1-2010, 0826 UTC Remarks: PCD2 Contr: (BCI)
6730.0	V24	Mode: AM Date/time: Tue 26-1-2010, 1430 UTC Remarks: Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 11-1-2010, 0400 UTC Remarks: SSYL atencion: 25121 01824 2625 weak Contr: (westli)
6768.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 0400 UTC

		Remarks: A 14621 21582 85182 (very weak signal) Contr: (Jon-FL)
6774	E07	Mode: AM Date/time: Wed 13-1-2010, 1800 UTC Remarks: 788 0 Contr: (HFD)
6777	E07	Mode: AM Date/time: 21-1-2010, 2119 UTC Remarks: OM/EE in progress Contr: (linkz)
6780	E06	Mode: AM Date/time: Tue 12-1-2010, 2000 UTC Remarks: 826 0 Contr: (HFD)
6791	XPA	Mode: AM Date/time: Thu 7-1-2010, 1920 UTC Remarks: msg Contr: (HFD)
6794	M42	Mode: Baudot 200/500 Date/time: 12-1-2010, 1615 UTC Remarks: Russian Gov/Intel. Marker: 00000+++++++162)5761 Contr: (FN)
6802	M12	Mode: CW Date/time: Tue 12-1-2010, 1720 UTC Remarks: 463 0 Contr: (HFD)
6813.5	M42	Mode: CROWD36 Date/time: 12-1-2010, 1805 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
6823.5	M21	Mode: CW Date/time: 4-1-2010, 1120 UTC Remarks: Russian Air Defense. =21730901090707 =1248071401982 Contr: (WP3)
6823.5	M21	Mode: CW Date/time: 31-1-2010, 0934 UTC Remarks: Russian Air Defence. =1703665231240 =1170466585840 Contr: (WP3)
6825	M51	Mode: CW Date/time: 6-1-2010, 2141 UTC Remarks: "NR 80 J 07 00:20:32 1988 BT ONZSR AJFEY AENMJ" Contr: (BCI)
6825	M51	Mode: CW Date/time: 30-1-2010, 1250 UTC Remarks: FAV22: French Morse Practice Station. "... XCDGZ 35 Contr: (MPJ)
6830	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0841 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
6835	M51	Mode: CW Date/time: 21-1-2010, 0916 UTC Remarks: "VVVV DE FAV22 FAV22 FAV22 QLH 3881/6825 KHZ VITESS Contr: (BCI)
6840	E10	Mode: AM Date/time: 1-1-2010, 0858 UTC Remarks: EZI Contr: (BCI)
6840	E10	Mode: AM Date/time: 13-1-2010, 0200 UTC Remarks: EZI2 Contr: (YM)
6842.0	E10	Mode: AM Date/time: Fri 8-1-2010, 0020 UTC Remarks: Female voice call for ID. Male voice answer, then female voice read coded messag Contr: (AnEur)
6846	E07a	Mode: AM Date/time: Sun 7-1-2010, 0620 UTC Remarks: 188 1-35451 Contr: (HFD)
6855.0	V02a	Mode: AM Date/time: Tue 5-1-2010, 2100 UTC Remarks: SSYL atencion: 10432 34601 Weak. Up early. Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Wed 6-1-2010, 2100 UTC Remarks: SSYL atencion: 71251 54222 48841 weak.

		Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Wed 13-1-2010, 2100 UTC Remarks: SSYL: caught late. weak with QRM/N Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Thu 21-1-2010, 2100 UTC Remarks: SSYL atencion: 03862 27822 24101 fades Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 2100 UTC Remarks: A 77242 20772 60611 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 2100 UTC Remarks: SSYL atencion: 75832 24162 8...2 weak Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 2100 UTC Remarks: A 75832 24162 78102 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 2100 UTC Remarks: SSYL atencion: Very weak. Contr: (westli)
6855.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 2100 UTC Remarks: A 18502 54321 45741 (YL/SS) Contr: (MS)
6855.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 2100 UTC Remarks: SSYL atencion: 68051 74202 17242 Very weak. Contr: (westli)
6865	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0843 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
6920	S06	Mode: AM Date/time: Mon 11-1-2010, 2115 UTC Remarks: 121 0 Contr: (HFD)
6933.0	V02a	Mode: AM Date/time: Sun 3-1-2010, 0700 UTC Remarks: SSYL atencion: 65341 62511 41272 Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 17-1-2010, 0700 UTC Remarks: SSYL: Fades in after calls and remains weak. Contr: (westli)
6933.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 0700 UTC Remarks: SSYL atencion: 3851. 5348. 05301 Weak. Up early, only heard calls once. Contr: (westli)
6952	M12	Mode: CW Date/time: Tue 5-1-2010, 0530 UTC Remarks: 897 0 Contr: (HFD)
6957	M42	Mode: Baudot 200/1000 Date/time: 11-1-2010, 2003 UTC Remarks: Russian Gov/Intel. Contr: (linkz)
6971	M42	Mode: FSK-4/150Bd Date/time: 15-1-2010, 1145 UTC Remarks: Russian Gov/Intel. 4kHz spaced tones on 6965, 6969, Contr: (ALF)
6982	E07	Mode: AM Date/time: 4-1-2010, 2001 UTC Remarks: OM/EE 981 981 981 000 Contr: (linkz)
6982.0	E07	Mode: AM Date/time: Mon 18-1-2010, 2000 UTC Remarks: 981 strong signal Contr: (AnEur)
6986	E10	Mode: USB Date/time: 17-1-2010, 1430 UTC Remarks: ART. message groups 23 text JHNVV CNYTG ... PDAFS K Contr: (WP3)

6986.0	E10	Mode: USB Date/time: Thu 28-1-2010, 0007 UTC Remarks: ART Contr: (CU)
7038.7	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "D" Contr:
7038.8	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "P" Contr:
7038.9	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "S" Contr:
7038.9	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "S", Severomorsk Contr: (AB)
7039	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "C" Contr:
7039.0	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "C", Moscow Contr: (AB)
7039.2	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "F" Contr:
7039.3	MX	Mode: CW Date/time: 5-12-2009, 2210 UTC Remarks: Beacon "K" Contr:
7472.0	XPA	Mode: USB Date/time: Wed 13-1-2010, 0540 UTC Remarks: Contr: (HN)
7519.0	M08a	Mode: CW Date/time: Mon 4-1-2010, 2200 UTC Remarks: 5f cut nums: weak. Calls not heard. Contr: (westli)
7519.0	M08a	Mode: CW Date/time: Wed 6-1-2010, 2200 UTC Remarks: 5f cut nums: Weak with deep fades. Contr: (westli)
7519.0	M08a	Mode: CW Date/time: Wed 13-1-2010, 2200 UTC Remarks: 5f cut nums: 75071 5950 5001 weak. IDs possibly part of msg instead. Contr: (westli)
7519.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 2200 UTC Remarks: 5f cut nums: 00732 62002 38511 Contr: (westli)
7519.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 2200 UTC Remarks: 00732 62002 38511 Contr: (MS)
7519.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 2200 UTC Remarks: 5f cut nums: 51281 52861 72241 weak Contr: (westli)
7519.0	M08a	Mode: CW Date/time: Fri 29-1-2010, 2200 UTC Remarks: 5f cut nums: 45771 60231 23181 Contr: (westli)
7526.0	M08a	Mode: CW Date/time: Tue 26-1-2010, 2200 UTC Remarks: 82001 67041 87422 Contr: (MS)
7554.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 2000 UTC Remarks: 5f cut nums: Very weak sig. Contr: (westli)
7596.4	M89	Mode: CW Date/time: 16-1-2010, 1418 UTC Remarks: Message "... /2300/LZ984T9/5327/5580 (-.-) QSL? .. Contr: (ALF)
7625	M42	Mode: RUS-ARQ 100/500 Date/time: 21-1-2010, 0942 UTC

7630	M42	Remarks: Russian Gov/Intel. Traffic Contr: (BCI) Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0853 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
7635	M42	Mode: CW Date/time: 12-1-2010, 0854 UTC Remarks: Russian Gov/Intel. Ops chat Contr: (BCI)
7635	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0855 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
7690	E10	Mode: AM Date/time: 8-1-2010, 0830 UTC Remarks: EZI Contr: (BCI)
7690.0	E10	Mode: AM Date/time: Tue 19-1-2010, 0110 UTC Remarks: Contr: (TW3)
7823	M51	Mode: CW Date/time: 19-1-2010, 2122 UTC Remarks: "NR 12 J 00:23:26: 10 1988 TZJGT ZPOWA IYIKK" Contr: (BCI)
7883	M89	Mode: CW Date/time: 16-1-2010, 0041 UTC Remarks: v qpzm qpzm qpzm de woxn woxn Contr: (linkz)
7887.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 0020 UTC Remarks: Strong Signal into Central Ohio Contr: (WR)
7887.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 2000 UTC Remarks: SSYL atencion: 38762 63432 13111 barely audible. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 2000 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
7887.0	V02a	Mode: AM Date/time: Sun 3-1-2010, 2000 UTC Remarks: SSYL atencion: Fades in after callups. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Tue 5-1-2010, 2000 UTC Remarks: SSYL atencion: 10432 74841 34601 Weak. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Wed 6-1-2010, 2000 UTC Remarks: SSYL atencion: 71251 54222 48841 Heavy fades. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Fri 8-1-2010, 2000 UTC Remarks: SSYL atencion: 27742 47262 63781 weak Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Sat 9-1-2010, 2200 UTC Remarks: Strong Signal - in progress Contr: (SB2)
7887.0	V02a	Mode: AM Date/time: Mon 11-1-2010, 2000 UTC Remarks: SSYL: weak with QRM/N. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Thu 14-1-2010, 2000 UTC Remarks: SSYL atencion: 58052 26311 34212 weak Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Sun 17-1-2010, 2000 UTC Remarks: SSYL atencion: 75752 36402 76821 Good sig for this sked/QTH. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Mon 18-1-2010, 2000 UTC Remarks: 5f cut nums: 52062 50262 45072 Contr:

(westli)

7887.0	V02a	Mode: AM Date/time: Wed 20-1-2010, 2000 UTC Remarks: SSYL atencion: 70502 11611 33771 weak with heavy QRM Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Thu 21-1-2010, 2000 UTC Remarks: SSYL atencion: 20572 51411 76612 Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 2000 UTC Remarks: A 77242 20772 60611 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Sun 24-1-2010, 2000 UTC Remarks: SSYL atencion: 77242 10772 60611 weak Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 2000 UTC Remarks: SSYL atencion: Fades in after calls. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 2000 UTC Remarks: A 24162 78102 (YL/SS. Late start at 2002z) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Tue 26-1-2010, 2000 UTC Remarks: SSYL: Weak. Fades in after calls. Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Tue 26-1-2010, 2000 UTC Remarks: A 67211 65852 56861 (YL/SS) Contr: (MS)
7887.0	V02a	Mode: AM Date/time: Wed 27-1-2010, 2000 UTC Remarks: SSYL atencion: 36322 41722 67111 weak Contr: (westli)
7887.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 2000 UTC Remarks: A 18502 54321 45741 (YL/SS) Contr: (MS)
7890.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 1030 UTC Remarks: Contr: (MS)
7891	XPA	Mode: AM Date/time: Thu 7-1-2010, 1900 UTC Remarks: msg Contr: (HFD)
7974.0	V02a	Mode: AM Date/time: Tue 5-1-2010, 2100 UTC Remarks: SSYL atencion: 10432 Weak. Up early. Contr: (westli)
7974.0	V02a	Mode: AM Date/time: Mon 25-1-2010, 2100 UTC Remarks: SSYL atencion: 75832 Contr: (westli)
7974.0	V02a	Mode: AM Date/time: Tue 26-1-2010, 2100 UTC Remarks: SSYL: Very weak. Contr: (westli)
7974.0	V02a	Mode: AM Date/time: Fri 29-1-2010, 2100 UTC Remarks: SSYL atencion: 68051 74202 17242 Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 2200 UTC Remarks: 5f cut nums: 46301 24552 30811 Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 2300 UTC Remarks: 5f cut nums: 46301 24552 30811 Contr: (westli)

8009.0	M08a	Mode: CW Date/time: Mon 18-1-2010, 2300 UTC Remarks: Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Wed 20-1-2010, 2300 UTC Remarks: 5f cut nums: 66732 15451 11711 Good sig. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 2300 UTC Remarks: 00732 62002 38511 Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 2300 UTC Remarks: 5f cut nums: 00732 62002 38511 Very good sig Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 2300 UTC Remarks: 5f cut nums: Up late already passing msg. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 2200 UTC Remarks: 5f cut nums: 12472 88321 23012 Good signal. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 2200 UTC Remarks: 88321 23012 12472 (Fades in and out.) Contr: (MS)
8009.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 2221 UTC Remarks: 47331 (Different calls. I think this was a second M8a on same freq, Contr: (MS)
8015	M42	Mode: Baudot 75/500 Date/time: 20-1-2010, 0224 UTC Remarks: Russian Gov/Intel. Traffic "QRX 0600 QSW 9125/7945" Contr: (BCI)
8047	M12	Mode: CW Date/time: Tue 12-1-2010, 1700 UTC Remarks: 463 0 Contr: (HFD)
8047.5	M42	Mode: CROWD36 Date/time: 11-1-2010, 2026 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
8078	X06	Mode: AM Date/time: 14-1-2010, 0850 UTC Remarks: Mazielka. Sequence: 561243 Contr: (XSH)
8079	M42	Mode: RUS-ARQ 100/500 Date/time: 12-1-2010, 0909 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
8096.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 1900 UTC Remarks: 5f cut nums: very weak Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Thu 21-1-2010, 1900 UTC Remarks: 5f cut nums: 07141 58131 52652 Good sig with some fades. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 1300 UTC Remarks: 18351 55571 33551 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 1400 UTC Remarks: 18351 55571 33551 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 1300 UTC Remarks: 60581 11221 84221 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 1400 UTC Remarks: 60581 11221 84221 Contr: (MS)
8096.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 1900 UTC

Remarks: 5f cut nums: 85642 Very weak. Contr: (westli)

8097.0 M08a Mode: AM Date/time: Sat 2-1-2010, 1800 UTC
Remarks: In Progress//S800M//Brooklyn Contr: (GS)

8097.0 M08a Mode: AM Date/time: Sat 2-1-2010, 1900 UTC
Remarks: In Progress//S800M//Brooklyn Contr: (GS)

8097.0 M08a Mode: MCW Date/time: Sun 3-1-2010, 1900 UTC
Remarks: 5f cut nums: Extremely weak. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Mon 4-1-2010, 1900 UTC
Remarks: 5f cut nums: 44182 weak Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Tue 5-1-2010, 1800 UTC
Remarks: 5f cut nums: 40642 10031 36181 weak and fading. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Tue 5-1-2010, 1900 UTC
Remarks: 5f cut nums: 40642 10031 36181 Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Wed 6-1-2010, 1900 UTC
Remarks: 5f cut nums: 38632 18302 55.42 Weak with heavy QRM. 3rd call questionable. Contr: (westli)

8097.0 M08a Mode: AM Date/time: Fri 8-1-2010, 1800 UTC
Remarks: In Progress//S800M//Brooklyn Contr: (GS)

8097.0 M08a Mode: MCW Date/time: Sat 9-1-2010, 1800 UTC
Remarks: 5f cut nums: 33011 36372 54381 weak Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Sat 9-1-2010, 1900 UTC
Remarks: 5f cut nums: very weak Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Tue 12-1-2010, 1900 UTC
Remarks: 5f cut nums: Caught late. Weak. Contr: (westli)

8097.0 M08a Mode: CW Date/time: Fri 15-1-2010, 1400 UTC
Remarks: 5f cut nums: 72282 Up early, caught late. Weak sig. Contr: (westli)

8097.0 M08a Mode: CW Date/time: Fri 15-1-2010, 1900 UTC
Remarks: 5f cut nums: Weak sig. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Sun 17-1-2010, 1800 UTC
Remarks: 5f cut nums: 75762 66671 11442 Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Sun 17-1-2010, 1900 UTC
Remarks: 5f cut nums: 75762 66671 11442 very weak. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Mon 18-1-2010, 1900 UTC
Remarks: SSYL: Caught late. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Thu 21-1-2010, 1800 UTC
Remarks: 5f cut nums: Up late, in progress. Good sig. Contr: (westli)

8097.0 M08a Mode: MCW Date/time: Fri 22-1-2010, 1800 UTC
Remarks: 5f cut nums: 88001 1605. Very weak.

		Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 1900 UTC Remarks: 5f cut nums: 88001 16052 14671 weak. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 1800 UTC Remarks: 86681 38721 55581 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 1800 UTC Remarks: 5f cut nums: 86681 38721 55581 weak Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 1900 UTC Remarks: 5f cut nums: 86681 38721 55581 weak Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 1900 UTC Remarks: 86681 38721 55581 Contr: (MS)
8097.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 1300 UTC Remarks: 5f cut nums: 33551 18351 55571 weak sig. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 1800 UTC Remarks: 20812 45652 (Late start. IP at 1802z) Contr: (MS)
8097.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 1900 UTC Remarks: 5f cut nums: 45652 07112 20812 weak sig. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 1900 UTC Remarks: 07112 20812 45652 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1800 UTC Remarks: 5f cut nums: Up late, already passing msg. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1800 UTC Remarks: 52021 73242 (Late start. IP at 1802z.) Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1900 UTC Remarks: 78842 52021 73242 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1900 UTC Remarks: 5f cut nums: 78842 52021 73242 Weak Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 1800 UTC Remarks: 5f cut nums: 28482 47252 65211 weak Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 1800 UTC Remarks: 28482 47252 65211 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 1900 UTC Remarks: 5f cut nums: 28482 47252 65211 Very weak Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Thu 28-1-2010, 1800 UTC Remarks: 5f cut nums: 85642 21411 58462 Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Thu 28-1-2010, 1800 UTC

		Remarks: 85642 21411 58462 Contr: (MS)
8097.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 1800 UTC Remarks: 5f cut nums: Up late, already passing msg. Very good sig. Contr: (westli)
8097.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 1900 UTC Remarks: 5f cut nums: 74652 86352 35202 good sig. Contr: (westli)
8104.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0729 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
8135.0	M08a	Mode: CW Date/time: Tue 12-1-2010, 2300 UTC Remarks: 5f cut nums: 54552 30822 26351 Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Fri 15-1-2010, 2300 UTC Remarks: 5f cut nums: 33741 85562 73822 Good sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Tue 26-1-2010, 2300 UTC Remarks: 82001 67041 87422 Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Tue 26-1-2010, 2300 UTC Remarks: 5f cut nums: 82001 67041 87422 Very strong sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 2300 UTC Remarks: 5f cut nums: 88321 02302 47331 Good signal. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 2300 UTC Remarks: 88321 23012 12472 (Fades in and out.) Contr: (MS)
8135.0	M08a	Mode: CW Date/time: Fri 29-1-2010, 2300 UTC Remarks: 5f cut nums: 45771 60231 23181 Good sig. Contr: (westli)
8180.0	M08a	Mode: MCW Date/time: Thu 14-1-2010, 0800 UTC Remarks: 5f cut nums: sends some MCW then end of an RDFT file. Contr: (westli)
8180.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 0900 UTC Remarks: Contr: (MS)
8186.0	M08a	Mode: MCW Date/time: Wed 20-1-2010, 0800 UTC Remarks: 5f cut nums: 92441 87342 18571 first number possibly a 5 Contr: (westli)
8186.0	SK01	Mode: RDFT Date/time: Mon 25-1-2010, 0800 UTC Remarks: Contr: (Jon-FL)
8186.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 1000 UTC Remarks: Contr: (MS)
8186.0	SK01	Mode: RDFT Date/time: Wed 27-1-2010, 0800 UTC Remarks: Contr: (MS)
8423	E11	Mode: USB Date/time: Wed 20-1-2010, 0850 UTC Remarks: 534/00 Contr: (HFD)
8494.7	MX	Mode: CW Date/time: 4-1-2010, 2213 UTC Remarks: Beacon "D" Contr: (WP3)
8494.7	MX	Mode: CW Date/time: 10-1-2010, 1644 UTC

8494.7	MX	Remarks: Beacon "D" Contr: (MPJ) Mode: CW Date/time: 19-1-2010, 1718 UTC Remarks: Beacon "D" Contr: (MPJ)
8494.8	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "P", Kaliningrad Contr: (AB)
8494.8	MX	Mode: CW Date/time: 10-1-2010, 1644 UTC Remarks: Beacon "P" Contr: (MPJ)
8494.8	MX	Mode: CW Date/time: 15-1-2010, 0227 UTC Remarks: Beacon "P" Contr: (BCI)
8494.8	MX	Mode: CW Date/time: 19-1-2010, 1718 UTC Remarks: Beacon "P" Contr: (MPJ)
8494.9	MX	Mode: CW Date/time: 10-1-2010, 1644 UTC Remarks: Beacon "S" Contr: (MPJ)
8494.9	MX	Mode: CW Date/time: 19-1-2010, 1718 UTC Remarks: Beacon "S" Contr: (MPJ)
8495	MX	Mode: CW Date/time: 15-1-2010, 0227 UTC Remarks: Beacon "C" Contr: (BCI)
8495.1	MX	Mode: CW Date/time: 4-1-2010, 2213 UTC Remarks: Beacon "A" Contr: (WP3)
8495.1	MX	Mode: CW Date/time: 10-1-2010, 1644 UTC Remarks: Beacon "A" Contr: (MPJ)
8495.1	MX	Mode: CW Date/time: 19-1-2010, 1718 UTC Remarks: Beacon "A" Contr: (MPJ)
8594	MX	Mode: CW Date/time: 19-1-2010, 2304 UTC Remarks: Beacon "F" Contr: (BCI)
9040.0	V02a	Mode: AM Date/time: Wed 20-1-2010, 0900 UTC Remarks: SSYL atencion: 37632 05242 38451 Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 27-1-2010, 0900 UTC Remarks: (YL/SS. Too weak for copy.) Contr: (MS)
9053.5	M42	Mode: CROWD36 Date/time: 18-1-2010, 0740 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9063.0	M08a	Mode: MCW Date/time: Wed 6-1-2010, 0800 UTC Remarks: 5f cut nums: 26211 37421 24431 Good sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 0800 UTC Remarks: 5f cut nums: 00351 36642 51182 Very good sig. Contr: (westli)
9063.0	M08a	Mode: AM Date/time: Fri 8-1-2010, 0800 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
9063.0	M08a	Mode: MCW Date/time: Wed 13-1-2010, 0800 UTC Remarks: 5f cut nums: caught late. Sent some MCW, then a fragment of RDFT Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 0800 UTC Remarks: 5f cut nums: 74312 50931 84342 Very good sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 0800 UTC Remarks: 5f cut nums: 24462 45362 71862 Very good

		sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 0800 UTC Remarks: 5f cut nums: 02061 12661 17601 Very good sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 0800 UTC Remarks: 02061 12661 17601 Contr: (MS)
9063.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 0800 UTC Remarks: 5f cut nums: 64472 05032 26251 Very good sig. Contr: (westli)
9063.0	SK01	Mode: RDFT Date/time: Wed 27-1-2010, 0900 UTC Remarks: Contr: (MS)
9063.0	V02a	Mode: AM Date/time: Wed 6-1-2010, 0900 UTC Remarks: SSYL atencion: 38621 34032 02831 Good sig. Contr: (westli)
9065	M42	Mode: RUS-ARQ 100/500 Date/time: 18-1-2010, 0743 UTC Remarks: Russian Gov/Intel. Traffic Contr: (BCI)
9074.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0738 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9112.0	M08a	Mode: MCW Date/time: Sun 3-1-2010, 1000 UTC Remarks: 5f cut nums: 82201 32882 73102 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 4-1-2010, 1000 UTC Remarks: 5f cut nums: 86111 44531 67241 Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 1000 UTC Remarks: 5f cut nums: 38721 45861 38132 good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 11-1-2010, 1000 UTC Remarks: 5f cut nums: 18532 73742 11701 Very strong sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 1000 UTC Remarks: 5f cut nums: 81442 Up early, caught late. Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 17-1-2010, 1000 UTC Remarks: 5f cut nums: Extremely weak. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 18-1-2010, 1000 UTC Remarks: 5f cut nums: 62622 33721 40241 Very strong sig. Contr: (westli)
9112.0	M08a	Mode: CW Date/time: Fri 22-1-2010, 0010 UTC Remarks: Morse - Very Strong Contr: (KA)
9112.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 1000 UTC Remarks: 5f cut nums: 52011 39491 83802 Very good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 1000 UTC Remarks: 5f cut nums: 51362 87602 32462 Very good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 1000 UTC Remarks: 5f cut nums: 35781 67322 84472 Good sig.

		Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 1000 UTC Remarks: 5f cut nums: 2575 8762 66501 Very good sig. Contr: (westli)
9138	M12	Mode: CW Date/time: Fri 8-1-2010, 0700 UTC Remarks: 138 0 Contr: (HFD)
9140	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0743 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9153.0	M08a	Mode: AM Date/time: Wed 6-1-2010, 0700 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
9153.0	M08a	Mode: MCW Date/time: Wed 6-1-2010, 0700 UTC Remarks: 5f cut nums: 26211 37421 24431 Good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 0700 UTC Remarks: 5f cut nums: 00351 36642 51182 Very good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 13-1-2010, 0700 UTC Remarks: 5f cut nums: 03341 76021 24522 Good signal Contr: (westli)
9153.0	M08a	Mode: AM Date/time: Wed 13-1-2010, 0700 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
9153.0	M08a	Mode: AM Date/time: Wed 13-1-2010, 0800 UTC Remarks: In Progress//S800M//Brooklyn Contr: (GS)
9153.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 0700 UTC Remarks: 5f cut nums: 74312 50931 84342 Very good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 0700 UTC Remarks: 5f cut nums: 24462 45362 71862 Good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 27-1-2010, 0700 UTC Remarks: 5f cut nums: Up late, already passing msg. Very good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 0700 UTC Remarks: 5f cut nums: 64472 05032 26251 Very good sig. Contr: (westli)
9160	M42	Mode: RUS-ARQ 100/500 Date/time: 11-1-2010, 0746 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9239.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0749 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
9240	M42	Mode: RUS-ARQ 100/1500 Date/time: 18-1-2010, 0750 UTC Remarks: Russian Gov/Intel. Traffic Contr: (BCI)
9240.0	V02a	Mode: AM Date/time: Sat 2-1-2010, 1000 UTC Remarks: SSYL atencion: 83111 03611 20761 Good sig Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 6-1-2010, 1000 UTC Remarks: SSYL: Caught late. Good sig. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 13-1-2010, 1000 UTC Remarks: SSYL atencion: 15701 47582 78181 Contr:

		(westli)
9240.0	V02a	Mode: AM Date/time: Wed 20-1-2010, 1000 UTC Remarks: SSYL atencion: 37632 05242 38451 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Sat 23-1-2010, 1000 UTC Remarks: SSYL atencion: 81362 41232 63311 Good sig. Contr: (westli)
9240.0	V02a	Mode: CW Date/time: Sat 23-1-2010, 1000 UTC Remarks: Cuban. Counting Numbers in Spanish. Contr: (KA)
9240.0	V02a	Mode: AM Date/time: Wed 27-1-2010, 1000 UTC Remarks: SSYL atencion: 23301 60441 74412 Contr: (westli)
9327	M12	Mode: CW Date/time: Thu 14-1-2010, 1940 UTC Remarks: 938 1 Contr: (HFD)
9356	XPA	Mode: AM Date/time: Tue 5-1-2010, 0700 UTC Remarks: msg Contr: (HFD)
9356.0	XPA	Mode: USB Date/time: Tue 5-1-2010, 0700 UTC Remarks: Contr: (HN)
10432.0	M08a	Mode: MCW Date/time: Sun 3-1-2010, 0900 UTC Remarks: 5f cut nums: 82201 32882 73102 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 4-1-2010, 0900 UTC Remarks: 5f cut nums: 86111 44531 67241 Good signal. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 8-1-2010, 0900 UTC Remarks: 5f cut nums: 38721 45861 38132 Very good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 11-1-2010, 0900 UTC Remarks: 5f cut nums: 18532 73742 11701 Very weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 15-1-2010, 0900 UTC Remarks: 5f cut nums: Very weak. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 18-1-2010, 0900 UTC Remarks: 5f cut nums: 62622 33721 40241 Strong sig with a data sig interference. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 22-1-2010, 0900 UTC Remarks: 5f cut nums: 52011 39491 83802 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 24-1-2010, 0900 UTC Remarks: 5f cut nums: 51362 87602 32462 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 0900 UTC Remarks: (weak signal) Contr: (Jon-FL)
10432.0	M08a	Mode: MCW Date/time: Mon 25-1-2010, 0900 UTC Remarks: 5f cut nums: 35781 67322 84472 Very good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 29-1-2010, 0900 UTC

		Remarks: 5f cut nums: 2575 8762 66501 Very good sig. Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 0300 UTC Remarks: 5f cut nums: up late, already passing msg. Contr: (westli)
10714.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 1300 UTC Remarks: 54011 33001 58302 Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 1600 UTC Remarks: Contr: (MS)
10715.0	SK01	Mode: RDFT Date/time: Wed 27-1-2010, 1600 UTC Remarks: Very weak carrier. Brdcst was nil heard by 1625z. Contr: (MS)
10857.0	M08a	Mode: CW Date/time: Wed 13-1-2010, 1400 UTC Remarks: 5f cut nums: Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 20-1-2010, 1400 UTC Remarks: 5f cut nums: 12632 48161 21512 Contr: (westli)
10857.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 1400 UTC Remarks: 54011 33001 58302 Contr: (MS)
10857.0	M08a	Mode: CW Date/time: Wed 27-1-2010, 1400 UTC Remarks: 5f cut nums: 33001 58302 54011 Contr: (westli)
10859.5	M42	Mode: RUS-ARQ 100/2000 Date/time: 20-1-2010, 0819 UTC Remarks: Russian Gov/Intel. Traffic Contr: (BCI)
10871.7	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: D: Sevastopol Naval Contr: (CK)
10871.7	MX	Mode: CW Date/time: 11-1-2010, 0830 UTC Remarks: Beacon "D" Contr: (BCI)
10871.7	MX	Mode: CW Date/time: 23-1-2010, 1125 UTC Remarks: Beacon "D" Contr: (WP3)
10871.8	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: P: Kaliningrad Naval Contr: (CK)
10871.8	MX	Mode: CW Date/time: 11-1-2010, 0830 UTC Remarks: Beacon "P" Contr: (BCI)
10871.8	MX	Mode: CW Date/time: 23-1-2010, 1125 UTC Remarks: Beacon "P" Contr: (WP3)
10871.8	MX	Mode: CW Date/time: 27-1-2010, 1023 UTC Remarks: Beacon "P" Contr: (WP3)
10871.9	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: S: Severomorsk Naval Contr: (CK)
10871.9	MX	Mode: CW Date/time: 11-1-2010, 0830 UTC Remarks: Beacon "S" Contr: (BCI)
10871.9	MX	Mode: CW Date/time: 23-1-2010, 1125 UTC Remarks: Beacon "S" Contr: (WP3)
10871.9	MX	Mode: CW Date/time: 27-1-2010, 1023 UTC Remarks: Beacon "S" Contr: (WP3)
10872	MX	Mode: CW Date/time: 11-1-2010, 0830 UTC Remarks: Beacon "C" Contr: (BCI)

10872	MX	Mode: CW Date/time: 23-1-2010, 1125 UTC Remarks: Beacon "C" Contr: (WP3)
10872	MX	Mode: CW Date/time: 27-1-2010, 1023 UTC Remarks: Beacon "C" Contr: (WP3)
10872.0	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "C", Moscow Contr: (AB)
10872.0	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: C: Moscow Naval Contr: (CK)
10872.1	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: A: Astrakhan Naval Contr: (CK)
10872.1	MX	Mode: CW Date/time: 11-1-2010, 0830 UTC Remarks: Beacon "A" Contr: (BCI)
10872.1	MX	Mode: CW Date/time: 23-1-2010, 1125 UTC Remarks: Beacon "A" Contr: (WP3)
10872.1	MX	Mode: CW Date/time: 27-1-2010, 1023 UTC Remarks: Beacon "A" Contr: (WP3)
10872.4	MX	Mode: CW Date/time: 3-1-2010, 1225 UTC Remarks: M: Magadan Naval Contr: (CK)
10956	XPA	Mode: AM Date/time: Tue 5-1-2010, 0720 UTC Remarks: msg Contr: (HFD)
10956.0	XPA	Mode: USB Date/time: Tue 5-1-2010, 0720 UTC Remarks: Contr: (HN)
11125	X06	Mode: AM Date/time: 23-1-2010, 1449 UTC Remarks: Mazielka, Sequence: 216354 Contr: (PPA)
11170.0	E17z	Mode: AM Date/time: Thu 14-1-2010, 0800 UTC Remarks: ID 674, "952 - 55" +msg. Contr: (HN)
11437.4	M42	Mode: CROWD36 Date/time: 23-1-2010, 1433 UTC Remarks: Russian Gov/Intel. Contr: (PPA)
11471	M42	Mode: CROWD36 Date/time: 5-1-2010, 1200 UTC Remarks: Russian Gov/Intel. Contr: (XSH)
11474.0	M12	Mode: CW Date/time: Tue 26-1-2010, 1320 UTC Remarks: 344 344 344 000 R3 (Very strong signal.) Contr: (MS)
11500	M42	Mode: RUS-ARQ 100/500 Date/time: 11-1-2010, 0850 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
12100	X06	Mode: AM Date/time: 26-1-2010, 0920 UTC Remarks: Mazielka. Sequence: 612534 Contr: (BCI)
12115.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 1300 UTC Remarks: 5f cut nums: Fades in after calls. Contr: (westli)
12115.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 1300 UTC Remarks: 5f cut nums: weak Contr: (westli)
12116.0	M08a	Mode: CW Date/time: Mon 25-1-2010, 1300 UTC Remarks: 72352 83211 15381 Contr: (MS)
12116.0	M08a	Mode: CW Date/time: Thu 28-1-2010, 1300 UTC Remarks: 40612 73242 (Late start. In progress at 1302z.) Contr: (MS)
12134.0	M08a	Mode: CW Date/time: Mon 11-1-2010, 1400 UTC

		Remarks: 5f cut nums: 83481 5706. ...21 very weak until 1407z then very strong. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 1400 UTC Remarks: 5f cut nums: 48522 06052 60751 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 18-1-2010, 1400 UTC Remarks: 5f cut nums: 48532 26611 2641. deep fades. IDs questionable Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 21-1-2010, 1400 UTC Remarks: 5f cut nums: 40231 65142 43862 Good sig with some fades. Contr: (westli)
12136	M12	Mode: CW Date/time: 20-1-2010, 0840 UTC Remarks: 751 1 465 209 10498 a known sked, strong signal fro Contr: (FN)
12156	XPA	Mode: AM Date/time: Tue 5-1-2010, 0740 UTC Remarks: msg Contr: (HFD)
12156.0	XPA	Mode: USB Date/time: Tue 5-1-2010, 0740 UTC Remarks: Contr: (HN)
12180.0	M08a	Mode: CW Date/time: Thu 14-1-2010, 1900 UTC Remarks: 5f cut nums: very weak Contr: (westli)
12180.0	M08a	Mode: MCW Date/time: Thu 21-1-2010, 1900 UTC Remarks: 5f cut nums: 87341 Started with M8a then went to V2a right after call Contr: (westli)
12180.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1900 UTC Remarks: 41282 17572 81372 Contr: (MS)
12180.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 1900 UTC Remarks: 5f cut nums: 41282 17572 81372 Weak Contr: (westli)
12180.0	V02a	Mode: AM Date/time: Tue 12-1-2010, 1900 UTC Remarks: SSYL: 61011 Caught late. Copied using DSB. Contr: (westli)
12213	X06	Mode: AM Date/time: 15-1-2010, 1007 UTC Remarks: Mazielka. Sequence: 361245 Contr: (XSH)
12214.0	M08a	Mode: CW Date/time: Tue 26-1-2010, 1300 UTC Remarks: 15181 27451 12182 Contr: (MS)
12224	X06	Mode: AM Date/time: 2-1-2010, 0850 UTC Remarks: Mazielka. Sequence: 463125 Contr: (XSH)
12224	X06	Mode: AM Date/time: 11-1-2010, 0943 UTC Remarks: Mazielka. Sequence: 463125 Contr: (XSH)
12224	X06	Mode: AM Date/time: 11-1-2010, 1427 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
12224	X06	Mode: AM Date/time: 21-1-2010, 1525 UTC Remarks: Mazielka. Sequence: 463125 Contr: (XSH)
12224	X06	Mode: AM Date/time: 28-1-2010, 1436 UTC Remarks: Mazielka. Sequence: 463125 Contr: (Dan)
13374.0	M08a	Mode: CW Date/time: Tue 26-1-2010, 1400 UTC Remarks: 15181 27451 12182 Contr: (MS)
13374.0	M12	Mode: CW Date/time: Tue 26-1-2010, 1300 UTC

		Remarks: 344 344 344 000 R3 (Very strong signal.) Contr: (MS)
13379.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 2000 UTC Remarks: 41282 17572 81372 (Very weak signal.) Contr: (MS)
13380.0	M08a	Mode: MCW Date/time: Tue 26-1-2010, 2000 UTC Remarks: 5f cut nums: Weak. Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 12-1-2010, 2000 UTC Remarks: SSYL atencion: 28301 61011 26241 Weak with QSB & QRM Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Thu 28-1-2010, 2000 UTC Remarks: SSYL atencion: 79761 56722 26121 Contr: (westli)
13506	X06	Mode: AM Date/time: 2-1-2010, 0850 UTC Remarks: Mazielka. Sequence: 164523 Contr: (XSH)
13506	X06	Mode: AM Date/time: 14-1-2010, 0948 UTC Remarks: Mazielka. Sequence: 164532 Contr: (XSH)
13527.7	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "D", Sevastopol Contr: (AB)
13527.7	MX	Mode: CW Date/time: 11-1-2010, 0920 UTC Remarks: Beacon "D" Contr: (BCI)
13527.8	MX	Mode: CW Date/time: 11-1-2010, 0920 UTC Remarks: Beacon "P" Contr: (BCI)
13528	MX	Mode: CW Date/time: 11-1-2010, 0920 UTC Remarks: Beacon "C" Contr: (BCI)
13528.1	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "A", Astrakhan Contr: (AB)
13528.1	MX	Mode: CW Date/time: 11-1-2010, 0920 UTC Remarks: Beacon "A" Contr: (BCI)
13536	M12	Mode: CW Date/time: 20-1-2010, 0820 UTC Remarks: 751 1 465 209 10498 a known sked, strong signal fro Contr: (FN)
13573.5	M42	Mode: CROWD36 Date/time: 15-1-2010, 1617 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
13678	X06	Mode: AM Date/time: 2-1-2010, 0850 UTC Remarks: Mazielka. Sequence: 356412 Contr: (XSH)
13989.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0932 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
13994.7	M42	Mode: RUS-ARQ 100/1000 Date/time: 11-1-2010, 0934 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
14000	E10	Mode: AM Date/time: 27-1-2010, 0730 UTC Remarks: YHF + msg Contr: (HS)
14514.5	M42	Mode: CROWD36 Date/time: 25-1-2010, 0922 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
14736	M12	Mode: CW Date/time: 20-1-2010, 0800 UTC Remarks: 751 1 465 209 10498 a known sked, strong signal fro Contr: (FN)
14826	M42	Mode: FSK 200/1000 Date/time: 31-1-2010, 1233 UTC

		Remarks: Russian Gov/Intel. After long carrier (space) Contr: (linkz)
14860	X06	Mode: AM Date/time: 12-1-2010, 0828 UTC Remarks: Mazielka. Sequence: 542136 Contr: (XSH)
16118	M42	Mode: CROWD36 Date/time: 11-1-2010, 0950 UTC Remarks: Russian Gov/Intel Contr: (XSH)
16166.5	M42	Mode: CROWD36 Date/time: 20-1-2010, 0831 UTC Remarks: Russian Gov. "11177 30044 44365 73335" Contr: (BCI)
16178.0	SK01	Mode: RDFT Date/time: Tue 26-1-2010, 1600 UTC Remarks: Contr: (MS)
16178.0	SK01	Mode: RDFT Date/time: Wed 27-1-2010, 1600 UTC Remarks: Contr: (MS)
16257	X06	Mode: AM Date/time: 12-1-2010, 0838 UTC Remarks: Mazielka. Sequence: 542136 Contr: (XSH)
16317	X06	Mode: AM Date/time: 26-1-2010, 0904 UTC Remarks: Mazielka. Sequence: 241563 Contr: (BCI)
16331.7	MX	Mode: CW Date/time: 13-1-2010, 0816 UTC Remarks: Beacon "D" Contr: (BCI)
16331.8	MX	Mode: CW Date/time: 13-1-2010, 0816 UTC Remarks: Beacon "P" Contr: (BCI)
16331.9	MX	Mode: CW Date/time: 13-1-2010, 0816 UTC Remarks: Beacon "S" Contr: (BCI)
16332	MX	Mode: CW Date/time: 13-1-2010, 0816 UTC Remarks: Beacon "C" Contr: (BCI)
16332.0	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "C", Moscow Contr: (AB)
16332.1	MX	Mode: CW Date/time: 1-1-2010, 0816 UTC Remarks: "A", Astrakhan Contr: (AB)
16332.1	MX	Mode: CW Date/time: 13-1-2010, 0816 UTC Remarks: Beacon "A" Contr: (BCI)
16342	M42	Mode: CROWD36 Date/time: 11-1-2010, 0905 UTC Remarks: Russian Gov/Intel. Contr: (Imp)
16342	M42	Mode: CROWD36 Date/time: 11-1-2010, 0906 UTC Remarks: Russian Gov/Intel. Contr: (Imp)
16342	M42	Mode: CROWD36 Date/time: 18-1-2010, 0900 UTC Remarks: Russian Gov/Intel. Quick callup then traffic. Contr: (Imp)
16342.5	M42	Mode: CROWD36 Date/time: 13-1-2010, 0945 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
16346	M42	Mode: CROWD-36 Date/time: 13-1-2010, 0937 UTC Remarks: Russian Gov/Intel. Contr: (Imp)
16530	E11	Mode: USB Date/time: 24-1-2010, 1322 UTC Remarks: YL/EE 645/27 Contr: (linkz)
17418.5	M42	Mode: CROWD36 Date/time: 13-1-2010, 0848 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
18183	M42	Mode: CROWD36 Date/time: 13-1-2010, 0741 UTC Remarks: Russian Gov/Intel. Contr: (Imp)

18238.5	M42	Mode: CROWD36 Date/time: 13-1-2010, 0903 UTC Remarks: Russian Gov/Intel. Contr: (BCI)
18276	M42	Mode: CROWD36 Date/time: 11-1-2010, 0950 UTC Remarks: Russian Gov/Intel Contr: (XSH)
18525	M12	Mode: CW Date/time: 20-1-2010, 0840 UTC Remarks: 751 751 751 1 into 5ng tfc Contr: (Imp)
18738.5	M42	Mode: RUS-ARQ 100/500 Date/time: 13-1-2010, 0916 UTC Remarks: Russian Gov/Intel. Traffic Contr: (BCI)
18738.5	M42	Mode: CROWD36 Date/time: 13-1-2010, 0916 UTC Remarks: Russian Gov/Intel. Contr: (BCI)

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